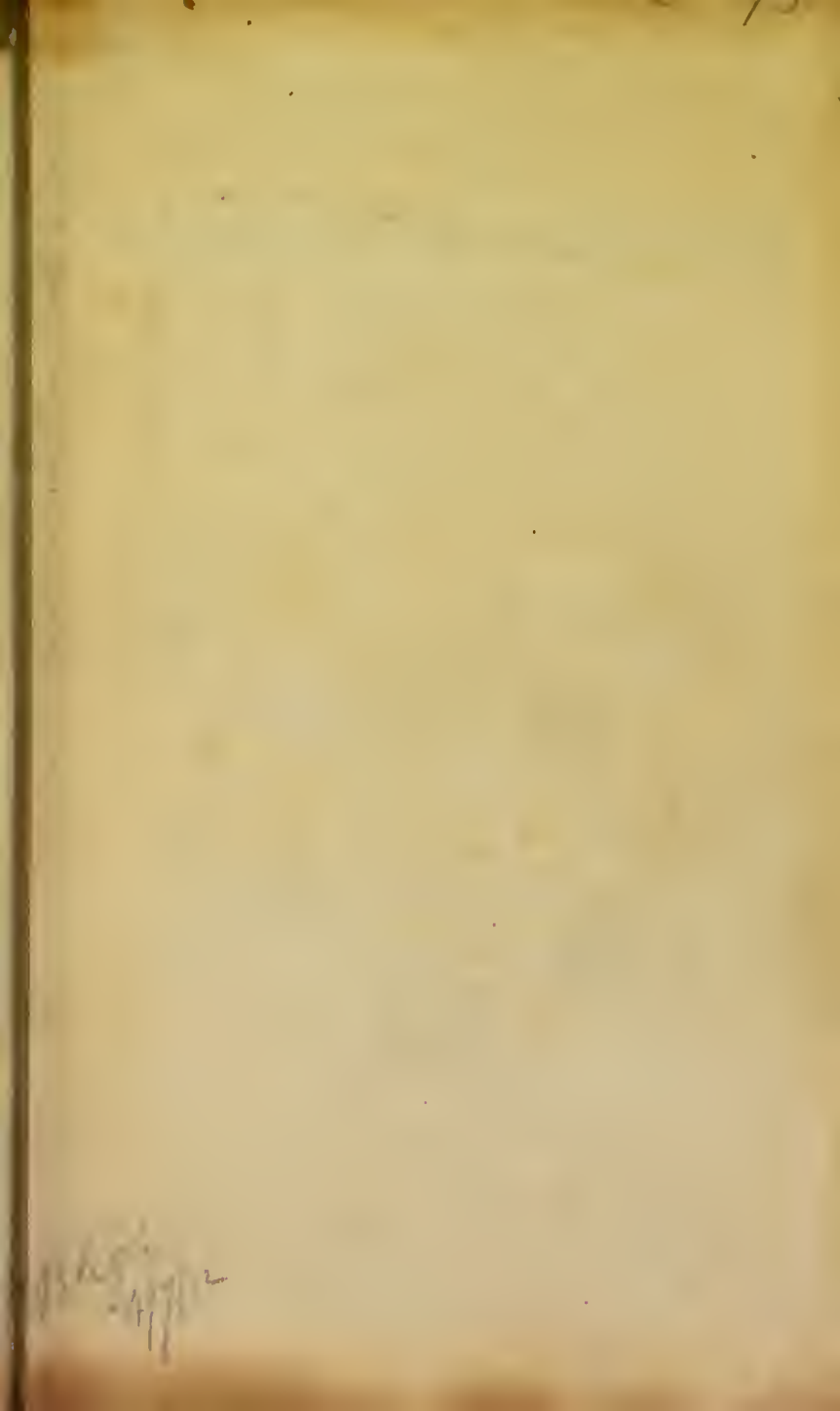


29,356/A



ANATOMICAL PLATES
OF THE
BONES AND MUSCLES,
DIMINISHED FROM
A L B I N U S,

FOR
THE USE
OF
Students in Anatomy, and Artists:

ACCOMPANIED BY
Explanatory Maps.

BY
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of London; Physician to the St. Mary-le-bone
Infirmary, &c. &c.

A NEW EDITION.

LONDON:

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PRINCES STREET, CORNER OF GERRARD STREET, SOHO.

1818.

30379



PREFACE.

THE Anatomical Plates here presented to the Public were designed to accompany the last edition of the ANATOMIST'S VADE-MECUM; but the great and unexpected demand for that work obliged the Author to put it to press before the plates could be executed. They now form a separate Fasciculus, and may either be attached to that work, or not.

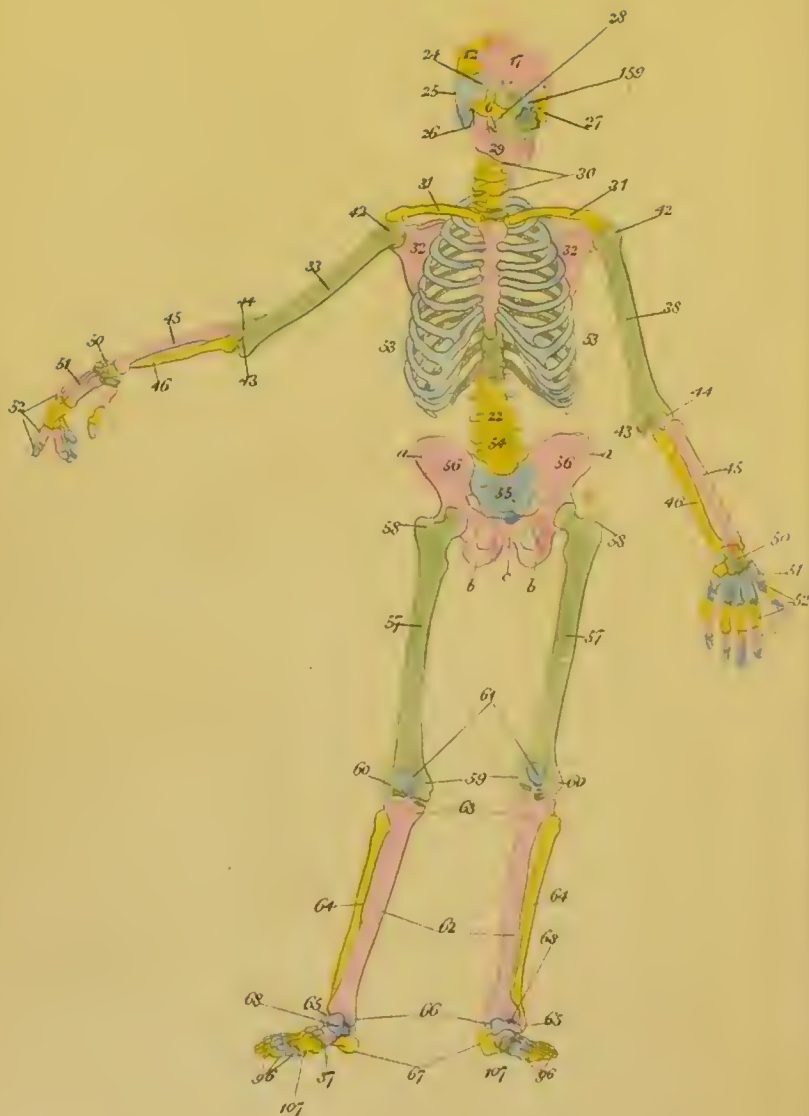
It is hoped, that the Explanatory Maps which accompany the plates, will enable the student, for whose use they principally are intended, to obtain, with greater facility, an accurate knowledge of the situation of the bones and muscles. Should the plan be approved, this fasciculus will be followed by others, to illustrate the situation, form, &c. of the viscera, blood-vessels, nerves, absorbents, &c.

The reader will be pleased to observe, that, in order to preserve the beauty of the engravings, no references are inserted; and that, with respect to those of the maps, the same numbers are mostly affixed to the same part, in whatever plate they may occur (thus, for example, 185, which occurs in several plates, is always put to mark the *Gastrocnemius externus*: thus, 86 will be found affixed to the different plates in which the *Psoas magnus* is exhibited, &c. &c.); and to obviate the tediousness which attends turning over leaves to consult one general reference, the references of each plate are printed on the opposite side.

This plate exhibits a front view of the skeleton.



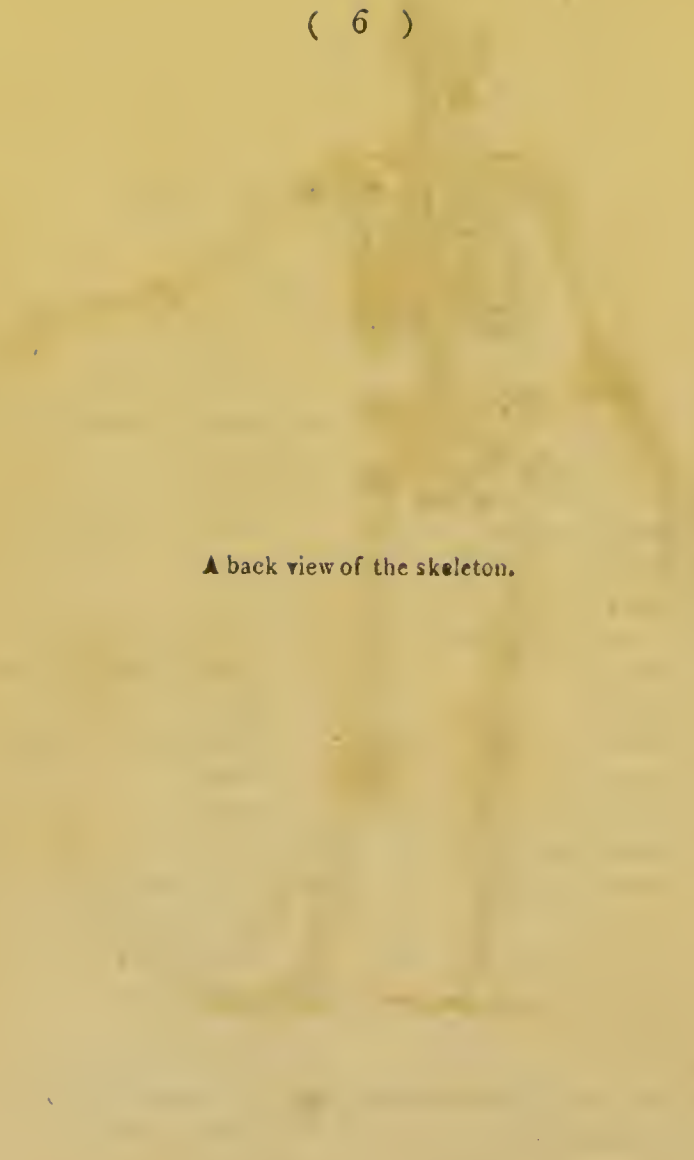
Front view of the Skeleton



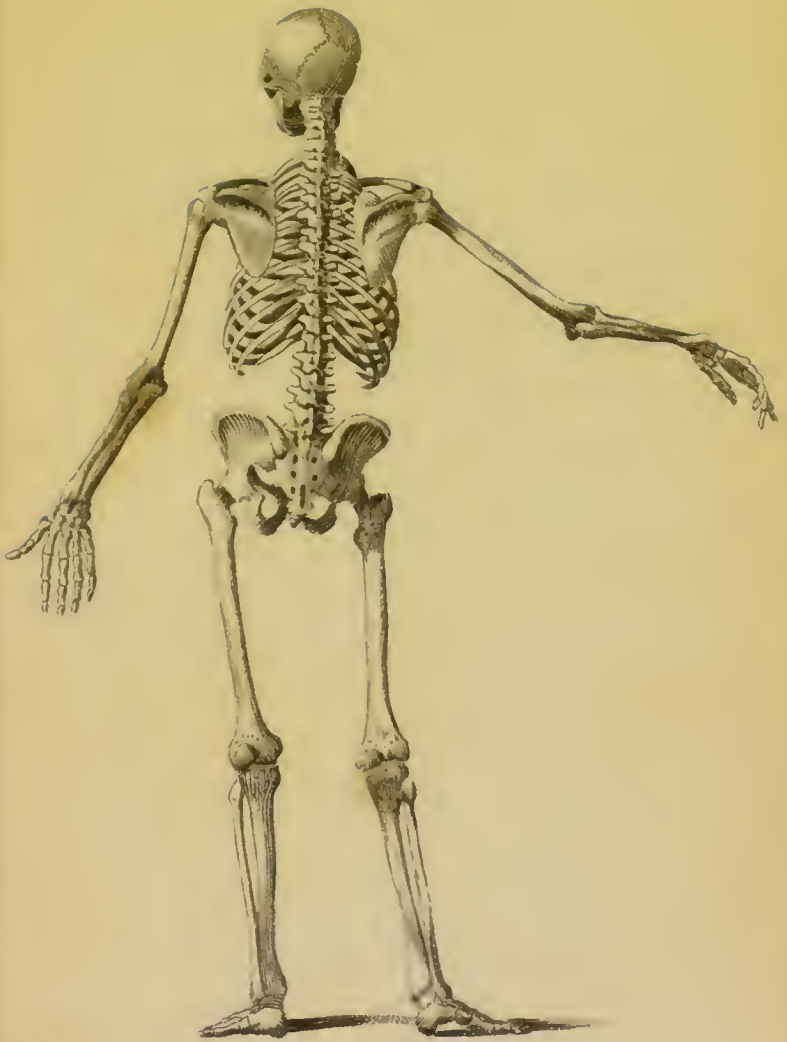
A Map of the Skeleton anteriorly.

REFERENCES.

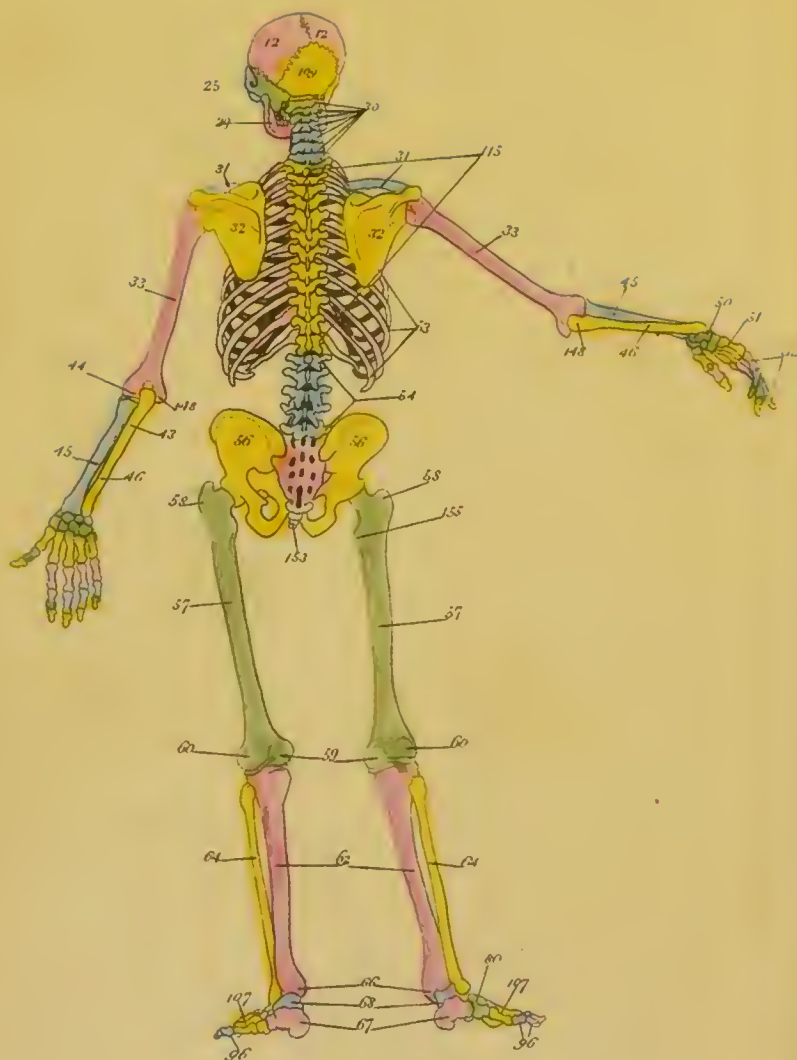
- | | |
|---|--|
| 12. Os parietale. | 53. Ribs. |
| 17. — frontis. | 54. Lumbar vertebræ. |
| 24. — sphænoideum. | 55. Sacrum. |
| 25. — temporis. | 56. Os innominatum : — <i>a</i> ,
ilium; <i>b</i> , ischium; <i>c</i> ,
pubis. |
| 26. Mastoid process. | 57. Femur. |
| 27. Os malæ. | 58. The great trochanter. |
| 28. — maxillare superius. | 59. Internal condyle of the
femur. |
| 29. — maxillare inferius. | 60. External condyle of the
femur. |
| 30. Cervical vertebræ. | 61. Patella. |
| 31. Clavicle. | 62. Tibia. |
| 32. Scapula. | 63. Head of the tibia. |
| 33. Humerus. | 64. Fibula. |
| 37. Small bones of the tarsus. | 65. External ankle. |
| 42. Head of the humerus. | 66. Internal ankle. |
| 43. Internal condyle of the
humerus. | 67. Os calcis. |
| 44. External condyle of the
humerus. | 68. Astragalus. |
| 45. Radius. | 96. Phalanges of the toes. |
| 46. Ulna. | 107. Metatarsal bones. |
| 50. Eight bones of the carpus. | 159. Os nasi. |
| 51. Metacarpal bones. | |
| 52. Phalanges of the fingers. | |



A back view of the skeleton.



Back view of the Skeleton



A Map of the Skeleton posteriorly.

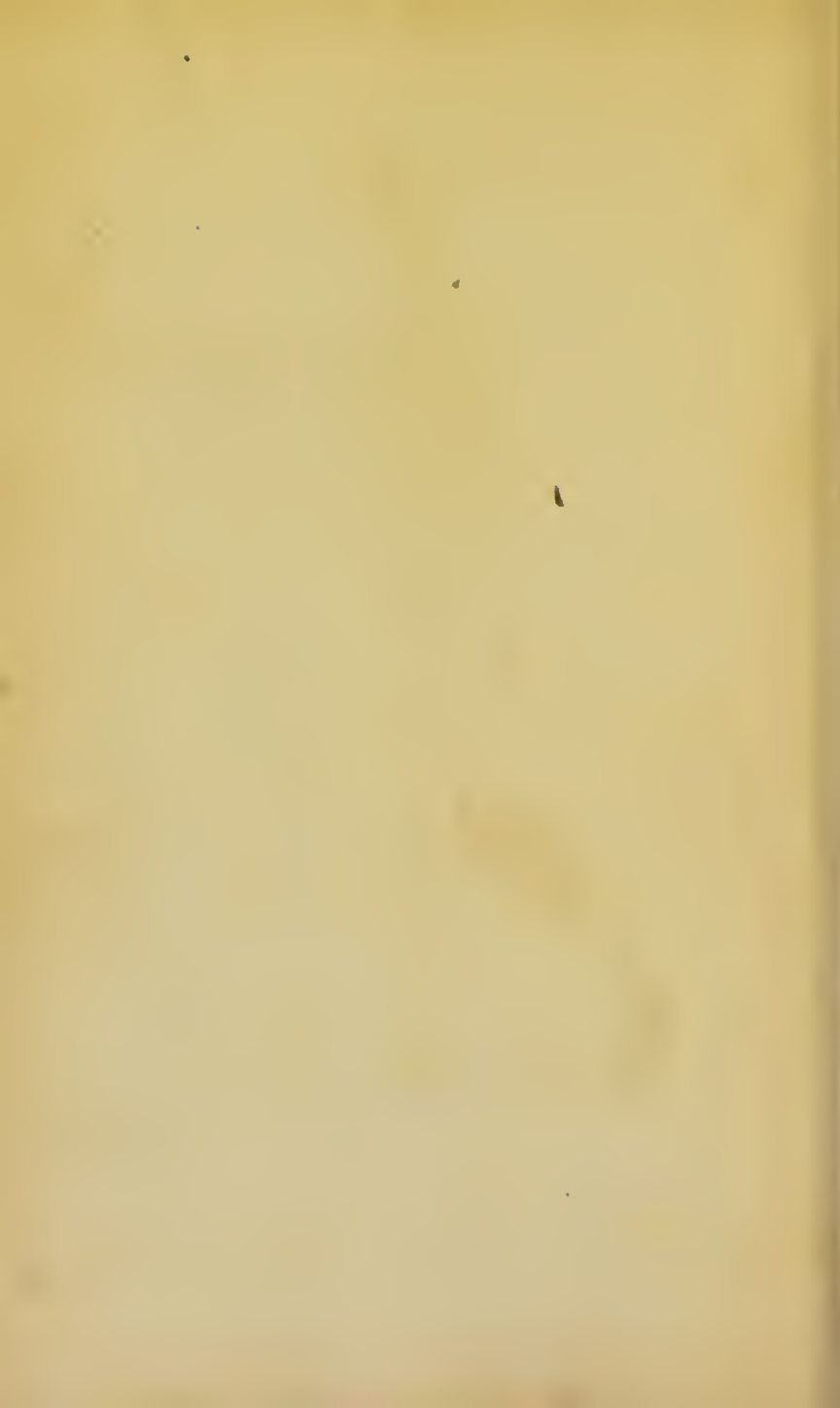
REFERENCES.

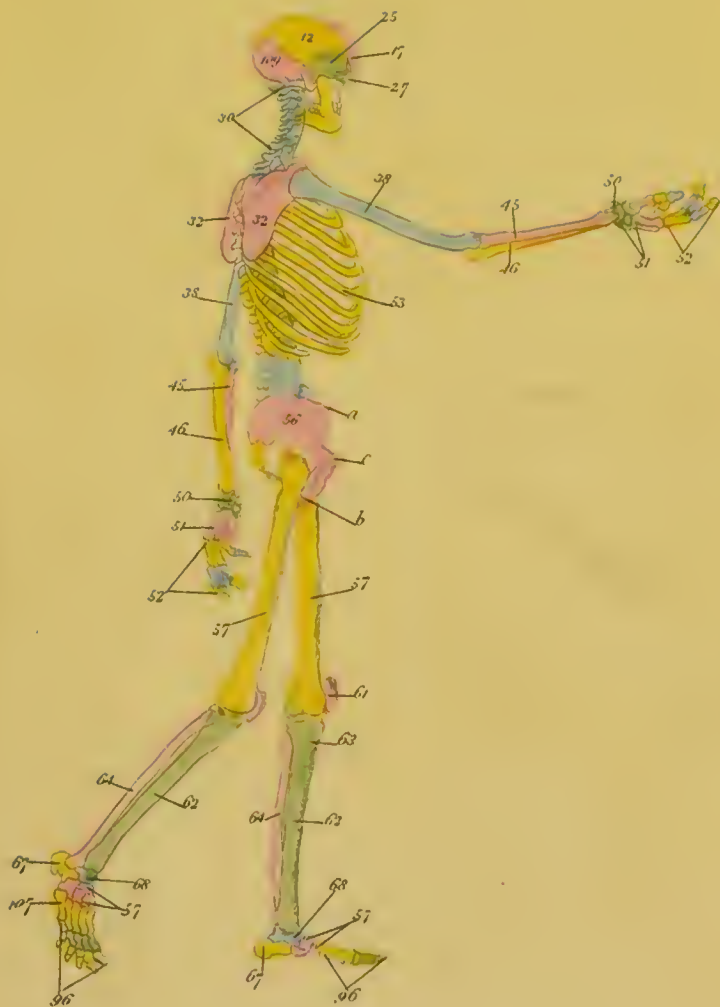
- | | |
|-------------------------------|------------------------------------|
| 12. Os parietale. | 59. Internal condyle of the femur. |
| 25. — temporis | 60. External condyle of the femur. |
| 29. Lower jaw. | 62. Tibia. |
| 30. Cervical vertebræ. | 64. Fibula. |
| 31. Clavicle. | 66. Internal ankle. |
| 32. Scapula. | 67. Os calcis. |
| 33. Humerus. | 68. Astragalus. |
| 45. Radius. | 80. Tarsal bones. |
| 46. Ulna. | 96. Phalanges of the toes. |
| 50. Eight carpal bones. | 107. Metatarsal bones. |
| 51. Metacarpal bones. | 109. Os occipitis. |
| 52. Phalanges of the fingers. | 115. Dorsal vertebræ. |
| 53. Ribs. | 148. Olecranon. |
| 54. Lumbar vertebræ. | 153. Os coccygis. |
| 56. Os innominatum. | 155. Little trochanter. |
| 57. Femur. | |
| 58. Great trochanter. | |

A side view of the skeleton.



Side view of the Skeleton





A Map of the Side View of the Skeleton.

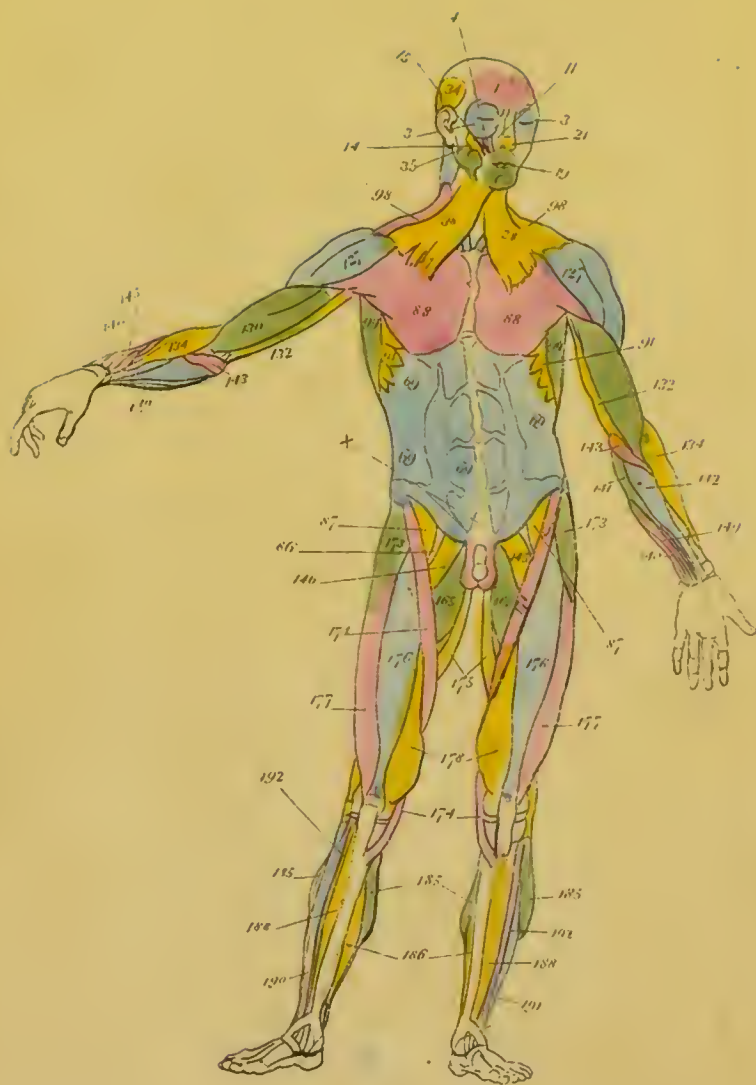
REFERENCES.

- | | |
|---------------------------|----------------------------------|
| 12. Os parietale. | 56. Os innominatum: — <i>a</i> , |
| 17. — frontis. | iliac portion; <i>b</i> , ischi- |
| 25. — temporis. | um; <i>c</i> , pubis. |
| 27. — malæ. | 57. Os femoris. |
| 30. Cervical vertebræ. | 57. Bones of the tarsus. |
| 32. Scapula. | 61. Patella. |
| 38. Os humeri. | 62. Tibia. |
| 45. Radius. | 63. Head of the tibia. |
| 46. Ulna. | 64. Fibula. |
| 50. Carpal bones. | 67. Os calcis. |
| 51. Metacarpal bones. | 68. Astragalus. |
| 52. Phalanges of the fin- | 96. Phalanges of the toes. |
| gers. | 107. Metatarsal bones. |
| 53. Ribs. | 109. Os occipitale. |

This plate represents the outermost order of muscles, as they appear when the body is deprived of its common integuments and fasciæ.



First Order.



A Map of the First Order of Muscles.

REFERENCES.

- | | |
|--------------------------------|-------------------------------|
| 1. Occipito-frontalis. | 132. Triceps extensor cubiti. |
| 3. Orbicularis palpebrarum. | 134. Supinator radii longus. |
| 4. Levator palpebræ superioris | 140. Flexor carpi ulnaris. |
| 11. ——— labii superioris | 141. Palmaris longus. |
| alæque nasi. | 142. Flexor carpi radialis. |
| 14. Zygomaticus major. | 143. Pronator radii teres. |
| 15. ——— — minor. | 145. Extensor ossis metacarp- |
| 19. Orbicularis oris. | pollicis manus. |
| 21. Constrictor nasi. | 146. ——— primi interno- |
| 35. Masseter. | dii. |
| 38. Platysma myoides. | 149. Flexor digitorum subli- |
| 69. Obliquus externus abdomi- | mis. |
| nis. | 165. Triceps adductor femoris |
| 86. Psoas magnus. | 173. Tensor vaginæ femoris. |
| 88. Pectoralis major. | 174. Sartorius. |
| 91. Serratus major anticus. | 177. Vastus externus. |
| 98. Trapezus. | 178. ——— internus. |
| 99. Latissimus dorsi. | 185. Gastrocnemius externus. |
| 127. Deltoides. | 186. ——— internus. |
| 130. Biceps flexor cubiti. | * Abdominal rings. |

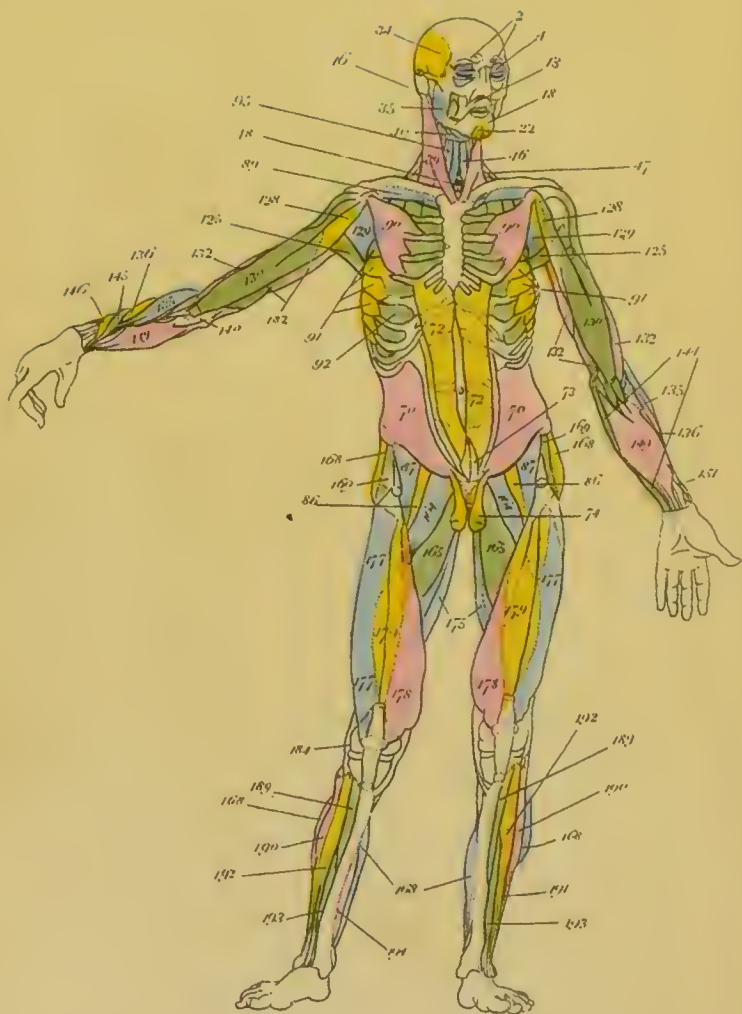
Several of the outermost layer of muscles are removed in this figure, to bring the second order into view.



Second Order.







A Map of the Second Layer of Muscles.

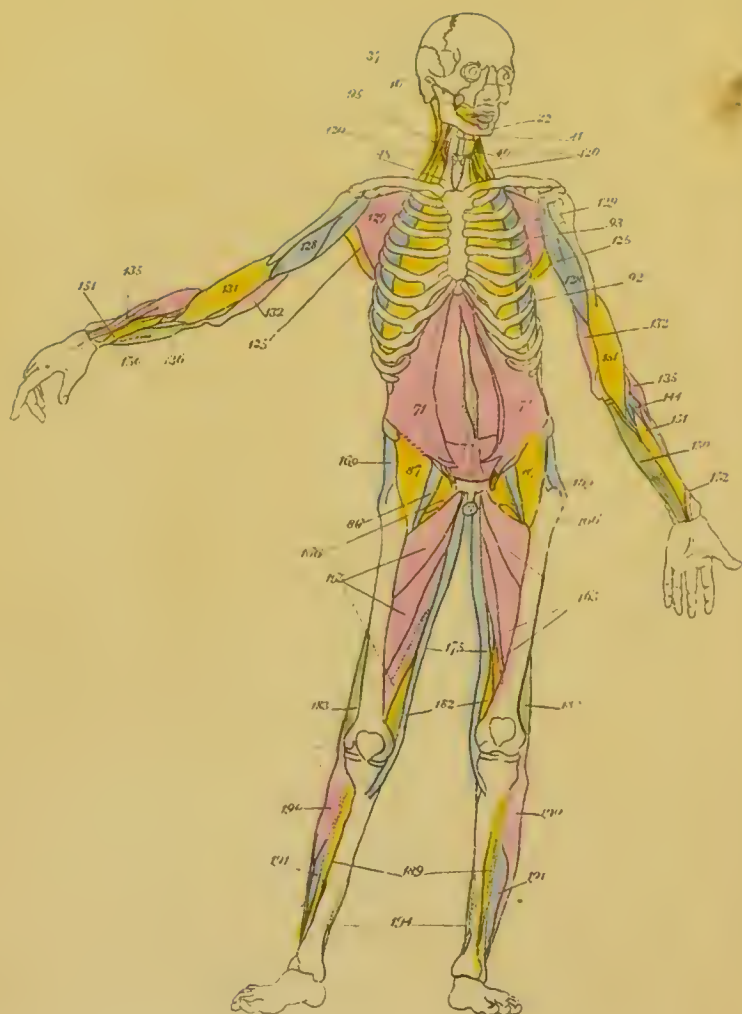
REFERENCES.

- | | |
|------------------------------------|---|
| 2. Corrugator supercilii. | 132. Triceps extensor cubiti. |
| 4. Levator palpebræ superioris. | 135. Extensor carpi radialis longior. |
| 13. ——— anguli oris. | 136. ——— carpi radialis brevior. |
| 16. Buccinator. | 140. Flexor carpi ulnaris. |
| 18. Depressor anguli oris. | 145. Extensor ossis metacarpi pollicis manus. |
| 22. Levator menti. | 146. ——— prim internodii. |
| 34. Temporalis. | 149. Flexor digitorum sublimis. |
| 35. Masseter. | 151. ——— longus pollicis. |
| 39. Sterno-cleido-mastoideus. | 164. Pectinalis. |
| 40. Digastricus. | 165. Triceps adductor femoris. |
| 46. Sterno-hyoideus. | 168. Gluteus medius. |
| 47. Omo-hyoideus. | 169. ——— minimus. |
| 48. Sterno-thyroideus. | 175. Gracilis. |
| 70. Obliquus internus abdominis. | 177. Vastus externus. |
| 72. Rectus abdominis. | 178. ——— internus. |
| 73. Pyramidalis. | 179. Cruræus. |
| 74. Cremaster. | 186. Flexor longus pollicis pedis. |
| 86. Psoas magnus. | 189. Tibialis posticus. |
| 87. Ilacus internus. | 190. Peroneus longus. |
| 89. Subclavius. | 191. ——— brevis. |
| 90. Pectoralis minor. | 192. Extensor longus digitorum pedis. |
| 91. Serratus major anticus. | 193. ——— proprius pollicis pedis. |
| 95. Rectus internus capitis major. | 194. Flexor longus digitorum pedis. |
| 125. Teres minor. | |
| 128. Coraco-brachialis. | |
| 129. Subscapularis. | |
| 130. Biceps flexor cubiti. | |

This plate exhibits the third layer of muscles; the first and second orders having been removed.



Third Order.

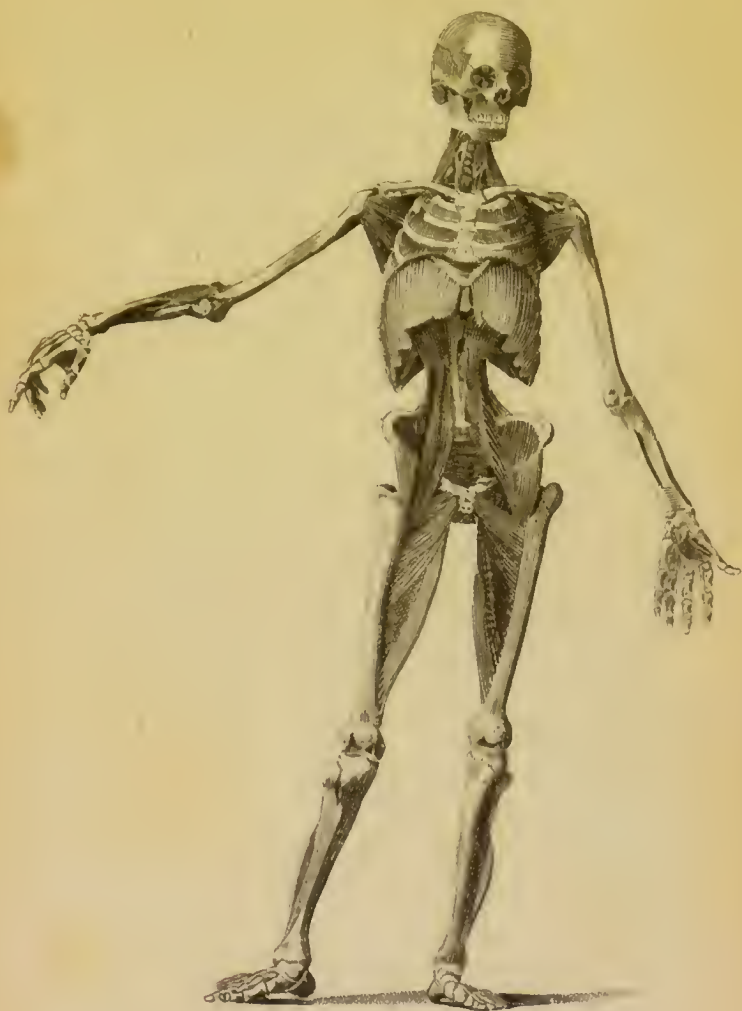


▲ Map of the Third Order of Muscles.

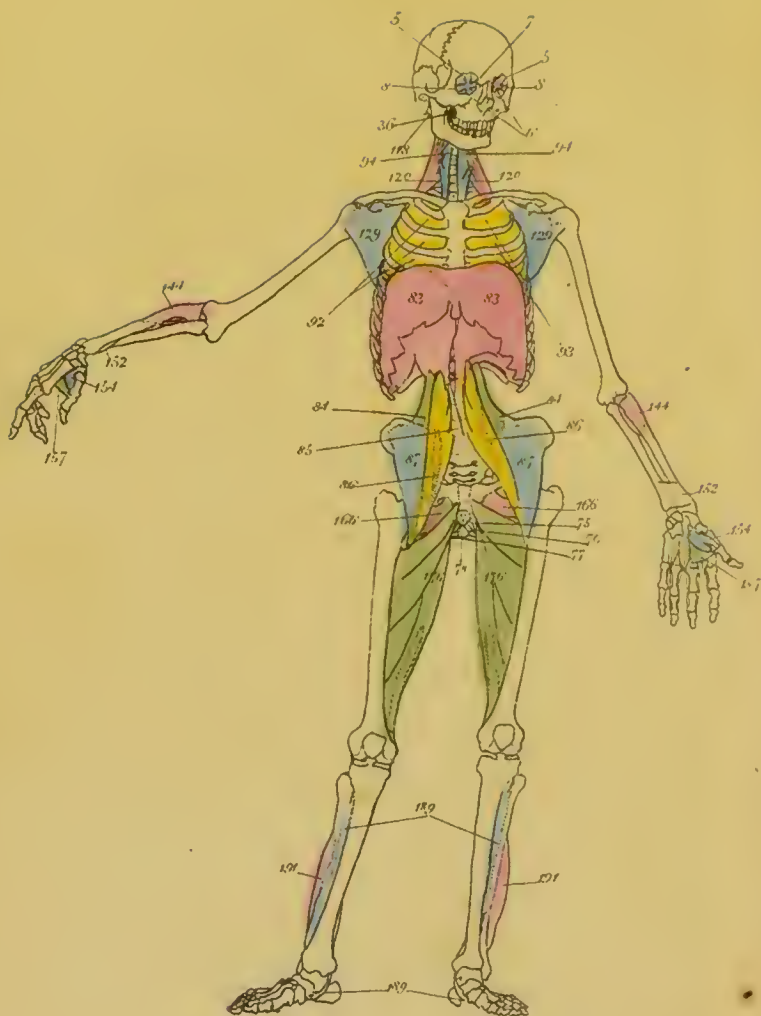
REFERENCES.

- | | |
|------------------------------------|---------------------------------------|
| 16. Buccinator. | 135. Extensor carpi radialis longior. |
| 22. Levator menti. | 186. ————— radialis brevior. |
| 37. Pterygoidens externus. | 144. Supinator radii brevis. |
| 41. Mylo-hyoideus. | 150. Flexor digitorum profundus. |
| 48. Sterno-thyroideus. | 151. ————— longus pollicis. |
| 49. Hyo-thyroideus. | 152. Pronator radii quadratus. |
| 71. Transversalis abdominis. | 165. Triceps adductor femoris. |
| 86. Psoas magnus. | 166. Obturator externus. |
| 87. Iliacus internus. | 169. Gluteus minimus. |
| 92. Intercostales externi. | 175. Gracilis. |
| 93. ————— interni. | 182. Semimembranosus. |
| 95. Rectus internus capitis major. | 183. Biceps flexor cruris. |
| 120. Scalenus. | 189. Tibialis posterior. |
| 125. Teres minor. | 190. Peroneus longus. |
| 128. Coraco-brachialis. | 191. ————— brevis. |
| 129. Subscapularis. | 194. Flexor longus digitorum pedis. |
| 131. Brachialis internus. | |
| 132. Triceps extensor cubiti. | |

The three outermost orders of muscles are removed from this figure, to bring the fourth or last layer into view.



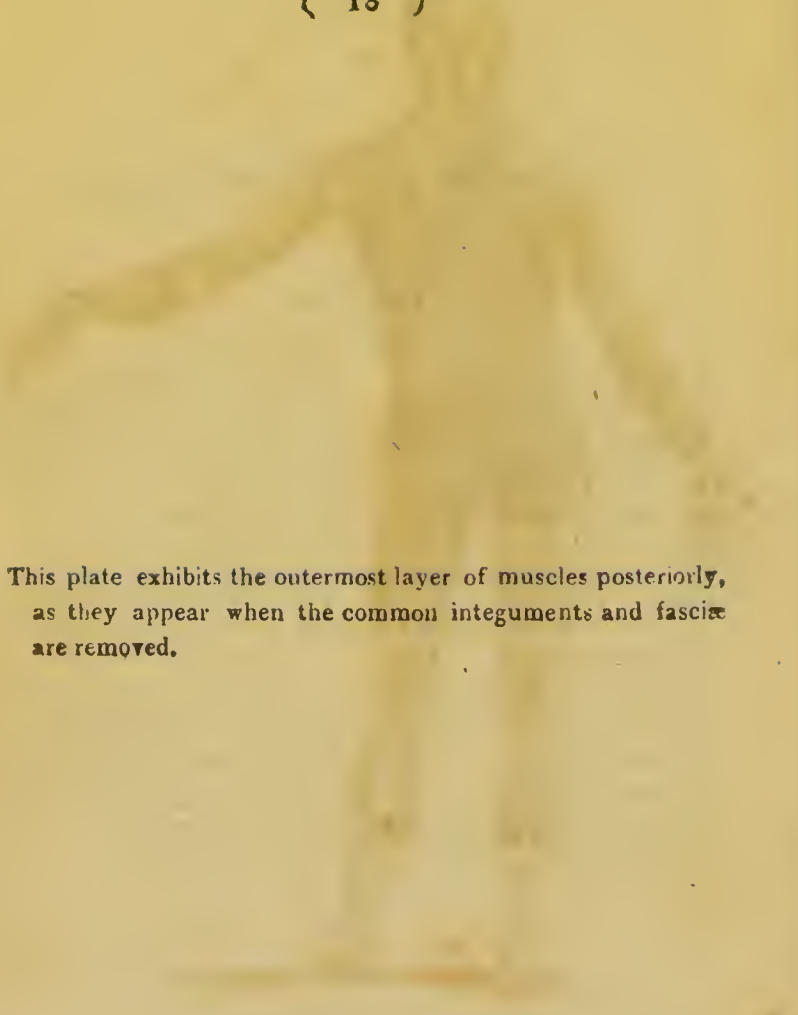
Fourth Order:



A Map of the last Layer of Muscles anteriorly.

REFERENCES.

- | | |
|-----------------------------|---------------------------------|
| 5 Rectus superior oculi. | 93. Intercostales interni. |
| 6. ——— inferior oculi. | 94. Longus colli. |
| 7. ——— internus oculi. | 118. Obliquus capitis superior. |
| 8. ——— externus oculi. | 120. Scalenus. |
| 36. Pterygoideus internus. | 129. Subscapularis. |
| 75. Erector penis. | 144. Supinator radii brevis. |
| 76. Accelerator urinae. | 152. Pronator radii quadratus. |
| 77. Transversalis perinaei. | 154. Flexor brevis pollicis |
| 78. Sphincter ani. | manus. |
| 84. Quadratus lumborum. | 157. Adductor pollicis manus. |
| 85. Psoas parvus. | 166. Obturator externus. |
| 86. ——— magnus. | 176. Triceps adductor femoris |
| 87. Iliacus internus. | 189. Tibialis posticus. |
| 92. Intercostales externi. | 191. Peroneus brevis. |

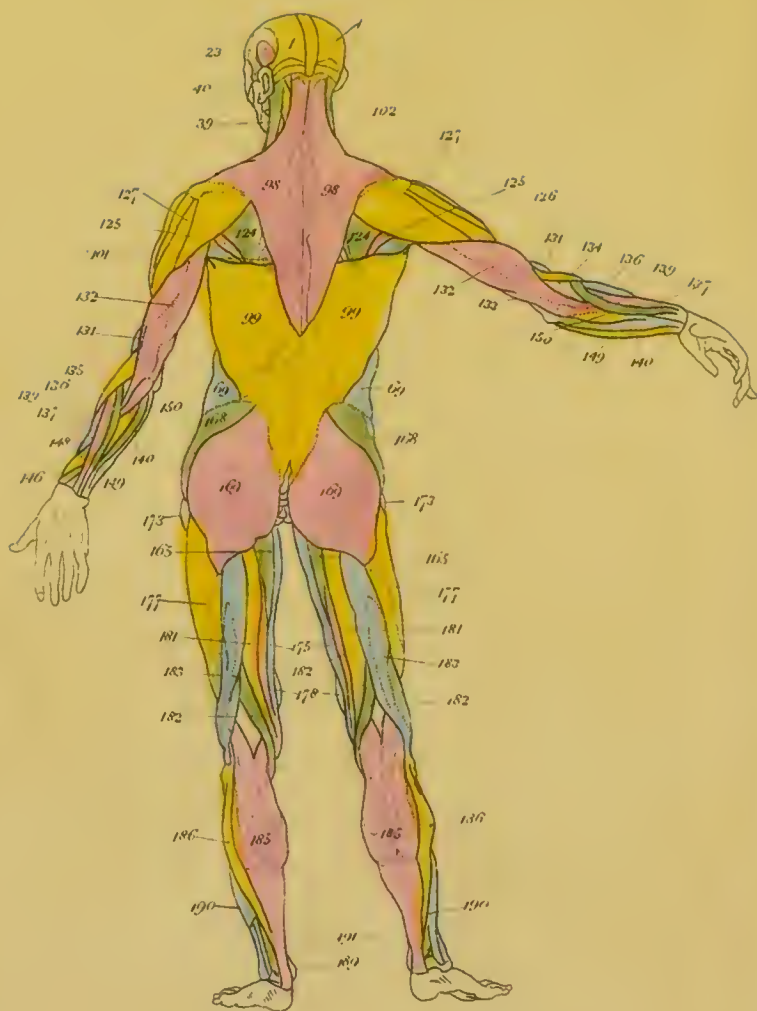


This plate exhibits the outermost layer of muscles posteriorly,
as they appear when the common integuments and fasciæ
are removed.



First order.

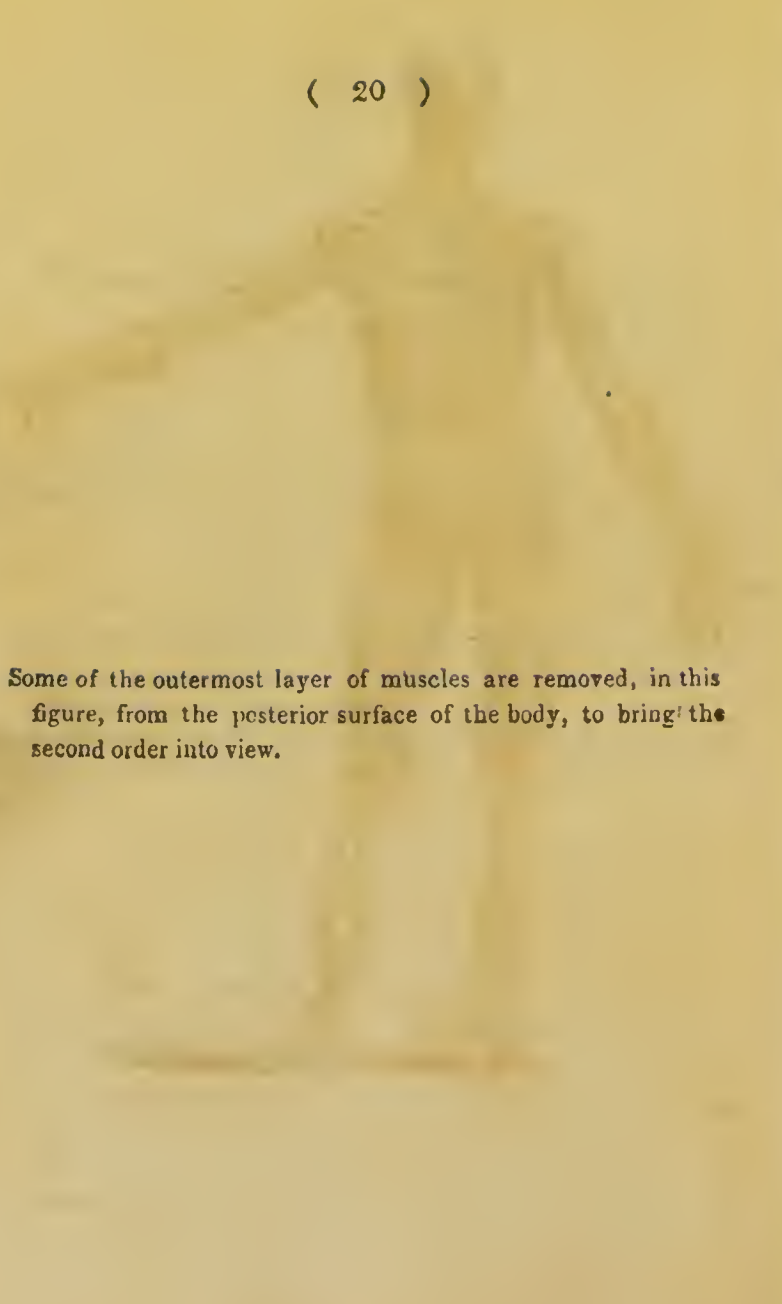




*A Map of the outermost Layer of Muscles on the
posterior Surface of the Body.*

REFERENCES.

- | | |
|---------------------------------------|---|
| 1. Occipito-frontalis. | 137. Extensor digitorum communis. |
| 23. Superior anris. | 139. ——— carpi ulnaris. |
| 29. Sternocleidomastoideus. | 140. Flexor carpi ulnaris. |
| 40. Digastricus. | 145. Extensor ossis metacarpi pollicis manus. |
| 69. Obliquus externus abdominis. | 146. ——— primi internodii. |
| 98. Trapezius. | 149. Flexor digitorum sublimis |
| 99. Latissimus dorsi. | 150. ——— profundus. |
| 101. Rhomboideus. | 165. Gracilis. |
| 102. Splenius. | 168. Gluteus medius. |
| 124. Infra spinatus. | 169. ——— maximus. |
| 125. Teres minor. | 173. Tensor vaginæ femoris. |
| 126. ——— major. | 175. Gracilis. |
| 127. Deltoides. | 177. Vastus externus. |
| 131. Brachialis internus. | 178. ——— internus. |
| 132. Triceps extensor cubiti. | 181. Semitendinosus. |
| 133. Anconeus. | 182. Semimembranosus. |
| 134. Supinator radii longus. | 183. Biceps flexor cruris. |
| 135. Extensor carpi radialis longior. | 185. Gastrocnemius externus. |
| 136. Extensor carpi radialis brevior. | 186. ——— internus. |
| | 190. Peroneus longus. |

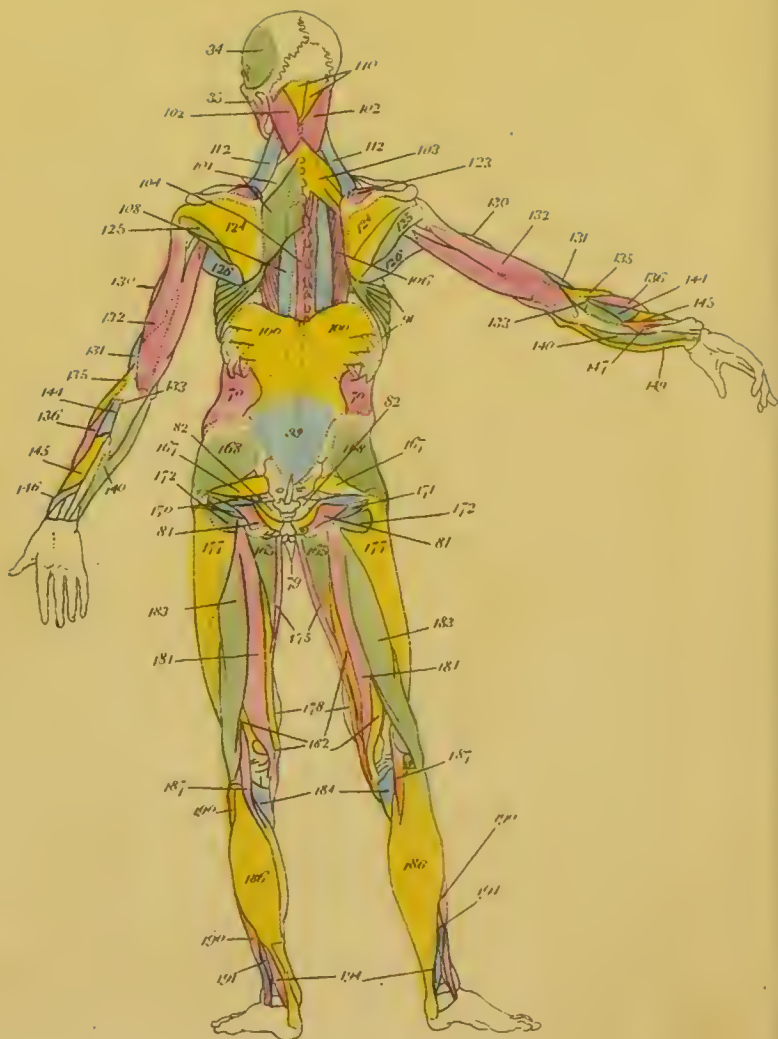


Some of the outermost layer of muscles are removed, in this figure, from the posterior surface of the body, to bring the second order into view.



Second order.





A Map of the Second Order of Muscles on the posterior Surface of the Body.

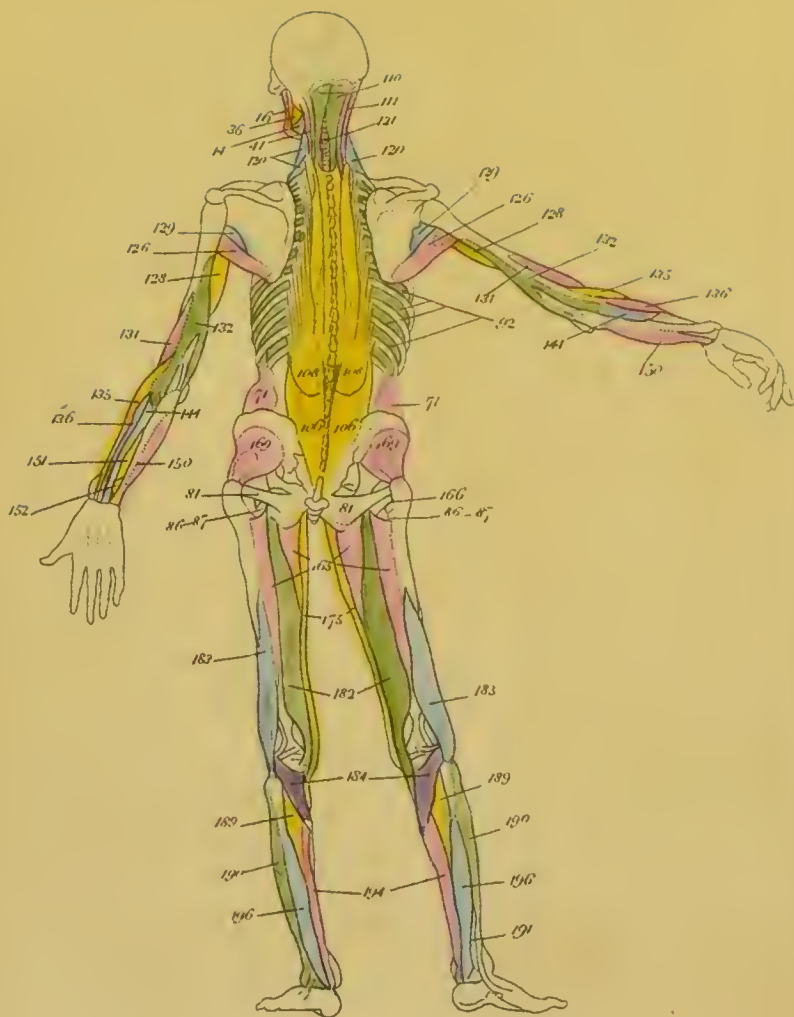
REFERENCES.

- | | |
|---------------------------------------|---|
| 34. Temporalis. | 140. Flexor carpi ulnaris. |
| 35. Masseter. | 144. Supinator radii brevis. |
| 70. Obliquus internus abdominis. | 145. Extensor ossis metacarpi pollicis manus. |
| 79. Levator ani. | 146. ———— primi internodii. |
| 81. Obturator internus. | 147. ———— secundi internodii. |
| 82. Coccygeus. | 149. Flexor digitorum sublimis. |
| 91. Serratus major anticus. | 165. Triceps adductor femoris. |
| 99. Latissimus dorsi. | 167. Pyramiformis. |
| 100. Serratus posticus inferior. | 168. Gluteus medius. |
| 101. Rhomboideus. | 170. } Gemini. |
| 102. Splenius. | 171. } |
| 103. Serratus superior posticus | 172. Quadratus femoris. |
| 104. Spinalis dorsi. | 175. Gracilis. |
| 106. Sacro-lumbalis. | 177. Vastus externus. |
| 108. Longissimus dorsi. | 178. ———— internus. |
| 110. Complexus. | 181. Semitendinosus. |
| 112. Levator scapulæ. | 182. Semimembranosus. |
| 123. Supra-spinatus. | 183. Biceps flexor cruris. |
| 124. Infra spinatus. | 184. Popliteus, |
| 125. Teres minor. | 186. Gastrocnemius internus. |
| 126. ——— major. | 187. Plantaris. |
| 130. Biceps flexor cubiti. | 190. Peroneus longus. |
| 131. Brachialis internus. | 191. ———— brevis. |
| 132. Triceps extensor cubiti. | 194. Flexor longus digitorum pedis. |
| 133. Anconeus. | |
| 135. Extensor carpi radialis longior. | |
| 136. Extensor carpi radialis brevior. | |

The outermost and second layer of muscles are here removed
to exhibit the third order.



Third order.



A Map of the Third Order of Muscles on the posterior Surface of the Body.

REFERENCES.

- | | |
|-------------------------------|--------------------------------|
| 14. Mylo-hyoideus. | 136. Extensor carpi radialis |
| 16. Buccinator. | brevis. |
| 36. Pterygoideus internus. | 144. Supinator radii brevis. |
| 41. Complexus. | 150. Flexor digitorum subli- |
| 71. Transversalis abdominis. | mis. |
| 81. Obturator internus. | 151. ——— longus pollicis. |
| 86. Psoas magnus. | 152. Pronator radii quadratus. |
| 87. ——— parvus. | 165. Triceps adductor femoris. |
| 92. Intercostales externi. | 166. Obturator externus. |
| 106. Sacro-lumbalis. | 169. Gluteus minimus. |
| 108. Longissimus dorsi. | 175. Gracilis. |
| 110. Complexus. | 182. Semimembranosus. |
| 111. Trachelo-mastoideus. | 183. Biceps flexor cruris. |
| 120. Scalenus. | 184. Popliteus. |
| 121. Interspinales. | 189. Tibialis posticus. |
| 126. Teres major. | 190. Peroneus longus. |
| 128. Coraco-brachialis. | 191. ——— brevis. |
| 129. Subscapularis. | 194. Flexor longus digitorum |
| 131. Brachialis internus. | pedis. |
| 132. Triceps extensor cubiti. | 196. ——— pollicis |
| 135. Extensor carpi radialis | pedis. |
| longior. | |

This plate exhibits the last layer of muscles posteriorly.

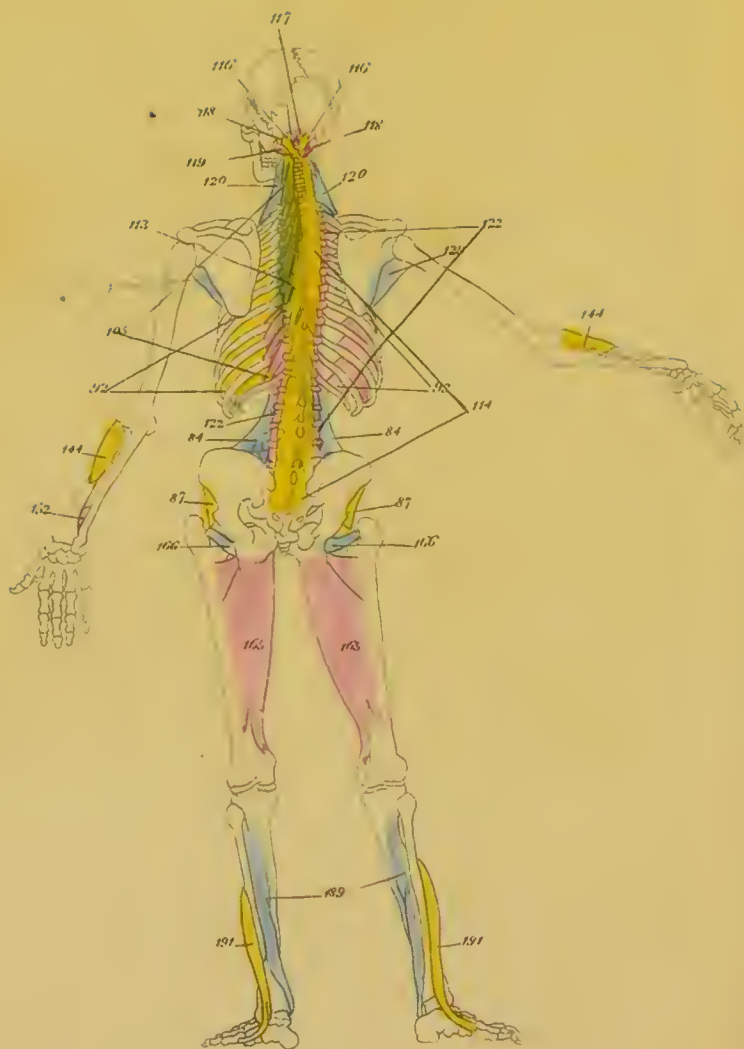


fourth order

Stirling del.

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*A Map of the last Order of Muscles on the posterior
Surface of the Body.*

REFERENCES.

- | | |
|--|---------------------------------|
| 84. Quadratus lumborum. | 118. Obliquus capitis superior. |
| 87. Iliacus internus. | 119. ————— interior. |
| 92. Intercostales externi. | 120. Scalenus. |
| 93. ————— interni. | 122. Intertransversales. |
| 105. Levatores costarum. | 129. Subscapularis. |
| 113. Semispinales dorsi. | 144. Supinator radii brevis. |
| 114. Multifidus spinæ. | 152. Pronator radii quadratus. |
| 116. Rectus capitis posticus
major. | 165. Triceps adductor femoris. |
| 117. Rectus capitis posticus
minor. | 166. Obturator externus. |
| | 189. Tibialis posticus. |
| | 191. Peroneus brevis. |

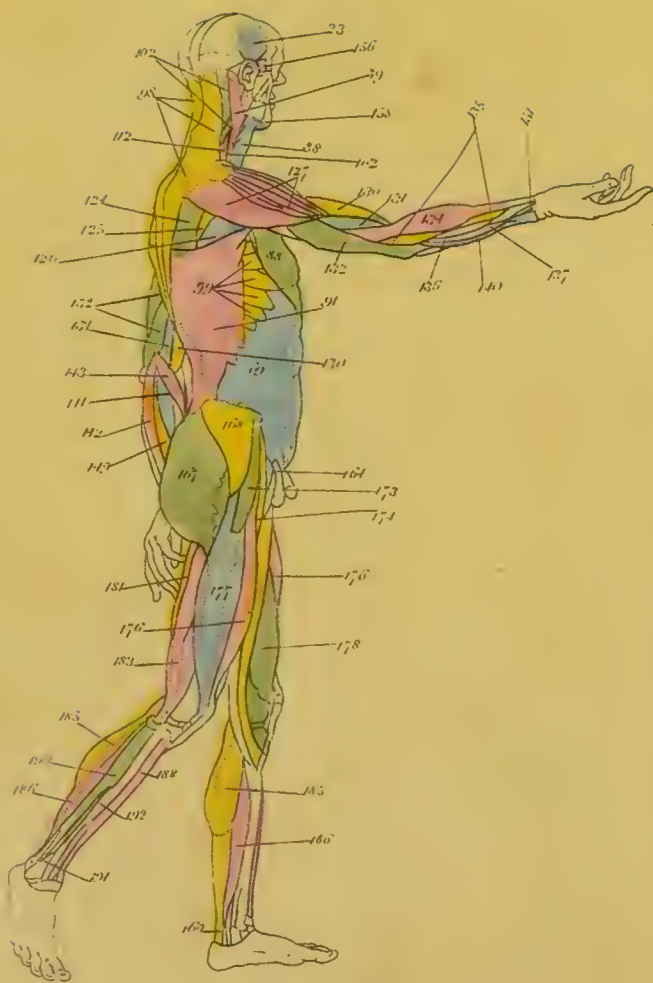
This figure represents a side view of the external layer of muscles, as they appear when the common integuments and fasciæ are removed.



Side view of the First order







A Map of the Side View of the external Layer of Muscles.

REFERENCES.

- | | |
|---------------------------------------|---------------------------------------|
| 38. Platysma myoides. | 142. Flexor carpi ulnaris. |
| 39. Sterno-cleido-mastoideus. | 143. Pronator radii teres. |
| 69. Obliquus externus abdominis. | 149. Flexor digitorum sublimis. |
| 88. Pectoralis major. | 151. ——— longus pollicis. |
| 91. Latissimus dorsi. | 156. Anterior auris. |
| 98. Trapezius. | 158. Depressor anguli oris. |
| 99. Serratus major anticus. | 160. Tendo Achillis. |
| 102. Splenius. | 164. Pectinalis. |
| 112. Levator scapulæ. | 167. Gluteus maximus. |
| 124. Infra-spinatus. | 168. ——— medius. |
| 125. Teres minor. | 173. Tensor vaginæ femoris. |
| 126. ——— major. | 174. Sartorius. |
| 127. Deltoides. | 176. Rectus femoris: |
| 130. Biceps flexor cubiti. | 177. Vastus externus. |
| 131. Brachialis internus. | 178. ——— internus. |
| 132. Triceps extensor cubiti. | 181. Semitendinosus. |
| 134. Supinator radii longus. | 183. Biceps flexor cruris. |
| 135. Extensor carpi radialis longior. | 185. Gastrocnemius externus. |
| 136. Extensor carpi radialis brevior. | 186. ——— internus. |
| 137. ——— digitorum communis. | 188. Tibialis anticus. |
| 140. Flexor carpi ulnaris. | 190. Peroneus longus. |
| 141. Palmaris longus. | 191. ——— brevis. |
| | 192. Extensor longus digitorum pedis. |





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